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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/726,852	11/30/2000	Robert A. Cochran	10007240-1	1945

7590 02/28/2005  
HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER	
POLTORAK, PIOTR	
ART UNIT	PAPER NUMBER
2134	

DATE MAILED: 02/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/726,852

Applicant(s)

COCHRAN ET AL.

Examiner

Peter Poltorak

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |  |
|---|--|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____  |

### **DETAILED ACTION**

1. The Amendment, and Remarks therein, received on 9/13/04, have been carefully considered.
2. No changes were introduced to the original claims.
3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

### ***Response to Arguments***

4. Applicant's arguments have been carefully considered but they were not found persuasive.
5. In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., controlling access by disk-array controllers, controlling access by CDLUNS on the server computer to LUNs provided by the server computer, or controlling access to any other construct on the server computer to which multi-resource-operation requests can be addressed to access other resources on the server computer) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).
6. In response to applicant's argument in regard to the Office Action rejection over Tulloch the examiner directs applicant's attention to logical units (*LUNs*) discussed in the specification, pg. 3 lines 19-22, wherein LUNs are described as abstract data storage resources including a defined amount of electronic

data storage space, mapped to the data storage space of one or more disk drives. Furthermore, the examiner refers to claim 1, wherein an access table is disclosed as an entity authorizing access by remote entities to logical units.

7. As recited in the Office Action Tulloch does teach LUN, CDLUN and an access table (*considered in the broadest reasonable interpretation*), and Tulloch's teaching at least renders obvious a supplemental access table.
8. As per applicants' argument that the Windows NT reference adds nothing, alone or in combination with Tulloch, relevant to the current application, the examiner refers applicant to the Office Action §11. Also, the examiner advises applicant to consider the Microsoft Press' "Planning a Fault-Tolerant Disk Configuration" section (pg. 155) as a whole and not just one sentence taken out of context (e.g. on pg. 155 Microsoft Press teach that RAID minimizes loss of data).
9. As per applicants' argument that there is no reason to assume that a client computer's operating system would provide an employee an access table with entries including port numbers or any other specific information the examiner points out that the claim language does not limit an access table being implemented on a client's computer and/or enforced by client computer's operating system.
10. In response to applicant's argument (*in regard to the Office Action rejection over Sicola in view of Schultz*) that Sicola does not disclose controlling access by disk-array controllers, through CDLUNs to LUNs within a disk array the examiner first refers applicant to §5-6 (above) and to §14-15 of the Office

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Action where the claim limitations are addressed using the teaching of Sicola over Schultz.

11. In regard to the argument that the Schultz reference is directed to a PC operating system and as a result it is not an analogous art to applicant's invention the examiner refers to §5-6 (above), in particular to where the examiner addresses description of LUNs.
12. Claims 1- 2 and 4, 6-7 and 9 remain rejected under 35 U.S.C. 103(a) as obvious over Tulloch (Mitch Tulloch, "Administering Internet Information Server 4", New York McGraw-Hill Professional, 1998, ISBN: 0072128232) as discussed in the previous Office Action.
13. Claims 3, 5, 8 and 10 remain rejected under 35 U.S.C. 103(a) as being unpatentable over Tulloch (Mitch Tulloch, "Administering Internet Information Server 4", New York McGraw-Hill Professional, 1998, ISBN: 0072128232) as applied to claims 2 and 7 above, in view of Microsoft Press (Microsoft Press, "Microsoft Windows NT Server, Resource Guide", 1996, ISBN: 1-57231-344-7) as discussed in the previous Office Action.

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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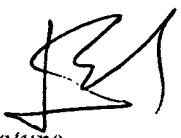
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter Poltorak whose telephone number is (571)272-3840. The examiner can normally be reached Monday through Thursday from 9:00 a.m. to 4:00 p.m. and alternate Fridays from 9:00 a.m. to 3:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory Morse can be reached on (571)272-3838. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Signature2/17/08  
Date  
GREGORY MORSE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100